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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/663,156	09/15/2003	Karen Cary	SHT-PT002.1	2152

3624 7590 11/15/2005

VOLPE AND KOENIG, P.C.  
UNITED PLAZA, SUITE 1600  
30 SOUTH 17TH STREET  
PHILADELPHIA, PA 19103

EXAMINER
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NAKARANI, DHIRAJLAL S

ART UNIT	PAPER NUMBER
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1773

DATE MAILED: 11/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/663,156

Applicant(s)

CARY ET AL.

Examiner

D. S. Nakarani

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 25 August 2005.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.  
4a) Of the above claim(s) 8-25 is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-7 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☒ Claim(s) 1-25 are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.  
10) ☒ The drawing(s) filed on 02 June 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

### DETAILED ACTION

1. Applicant's election with traverse of Group I, claims 1-7, in the reply filed on June 2, 2005 is acknowledged. The traversal is on the ground(s) that since claims 1-7 are device claims directed to an appliance formed from glass/metal laminate and method claims 8-25 are also directed to a method of producing an appliance including connecting a glass/metal laminate sheet, a separate search is not required. Therefore no serious burden exists in examining all of the claims. This is not found persuasive because the search for claims 1-7 is required in class 219, subclass 522<sup>+</sup> and not required in class 156, subclass 60<sup>+</sup> while the examination of method claims 8-25 require search in class 156, subclass 60<sup>+</sup> and does not require search in class 219, subclass 522<sup>+</sup>. Therefore serious burden exists in examining all of the claims.

The requirement is still deemed proper and is therefore made FINAL.

2. Claims 8-25 are withdrawn from further consideration pursuant to 37 CFR 1.142(b), as being drawn to a nonelected invention, there being no allowable generic or linking claim. Applicant timely traversed the restriction (election) requirement in the reply filed on June 2, 2005.

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 1-7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1, lines 2-3, the phrase "glass/metal laminate connected to at least one of the plurality of sides" renders claims 1 and 3-7 indefinite because the position of glass sheet in the final appliance is not clear from the claim language.

Line 5, the phrase "thin and even transparent adhesive layer" renders claims 1-7 indefinite. Thin adhesive layer compare to what? What is thin? What does "even transparent adhesive layer" mean? The adhesive layer is even in thickness or in transparency or in both thickness and transparency. Clarification and/or correction requested.

5. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

6. Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lanham et al (U. S. Patent 3,589,307) in view of Laroche et al (GB 2,074,089 A).

Lanham et al disclose an energy absorbing oven having a plurality of sides and at least one panel (258) connected to at least one of the plurality of sides. The panel (258) comprises exterior surface covered with a decorative panel material (290) (Col. 1, line 44 to col. 2, line 16 and Figs. 1 and 3). Lanham et al exemplifies decorative panel

material (290) such as porcelain steel panels or fiberglass. Lanham et al fail to exemplify decorative panel of glass/metal laminate.

Laroche et al disclose a glass/metal laminates for production of decorative panels, mirrors etc. (Page 1, lines 6-8). Laroche et al disclose a stainless steel metal sheet (Page 1, lines 53-55). Laroche et al disclose removal of air by vacuum during bonding to avoid air bubbles (Page 3 lines 52-70). Laroche et al. disclose a metal sheet, which provides a radiant energy reflecting inner face, which is covered by glass. Therefore Laroche et al's adhesive deemed to be a transparent adhesive (Page 3, lines 93-97). Laroche et al disclose glass such as soda lime glass (page 4, line 92).

Therefore it would have been obvious to a person of ordinary skill in the art at the time of this invention made to utilize disclosure of Laroche et al in the invention of Lanham et al to replace porcelain steel panel with Laroche et al's decorative panel for increasing strength of the panel (258) (Lines 26-63).

7. Applicant's arguments with respect to claims 1-7 have been considered but are moot in view of the new ground(s) of rejection.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to D. S. Nakarani whose telephone number is (571) 272-1512. The examiner can normally be reached on Tuesday-Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Carol Chaney can be reached on (571) 272-1284. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



**D. S. Nakarani**  
**Primary Examiner**  
**Art Unit 1773**

Dsn  
November 11, 2005.